

K. HACOVRCELL

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#12

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/765,244

DATE: 05/04/2000
TIME: 12:18:32

Input Set : A:\8484-018.txt
Output Set: C:\CRF3\REFHOLD\05042000\H765244.raw

4 <110> APPLICANT: Seibel, Peter
5 Seibel, Andrea
7 <120> TITLE OF INVENTION: CHIMERICAL PEPTIDE-NUCLEIC ACID
8 FRAGMENT, PROCESS FOR PRODUCING THE SAME AND ITS USES FOR
9 APPROPRIATELY INTRODUCING NUCLEIC ACIDS INTO CELL ORGANELLES
10 AND CELLS
12 <130> FILE REFERENCE: 8484-0018-999
14 <140> CURRENT APPLICATION NUMBER: US 08/765,244
15 <141> CURRENT FILING DATE: 1997-10-30
17 <150> PRIOR APPLICATION NUMBER: PCT/DE95/00775
18 <151> PRIOR FILING DATE: 1995-06-11
20 <150> PRIOR APPLICATION NUMBER: DE P 44 21 079.5
21 <151> PRIOR FILING DATE: 1994-06-16
23 <160> NUMBER OF SEQ ID NOS: 22
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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28 <211> LENGTH: 41
29 <212> TYPE: PRT
30 <213> ORGANISM: Rattus rattus
32 <220> FEATURE:
34 <400> SEQUENCE: 1
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36 1 5 10 15
37 Ala His Thr Ser Met Val Arg Asn Phe Arg Tyr Gly Lys Pro Val Gln
38 20 25 30
39 Ser Gln Leu Lys Pro Arg Asp Leu Cys
40 35 40
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44 <211> LENGTH: 39
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Synthetic sequence
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54 <210> SEQ ID NO: 3
55 <211> LENGTH: 34
56 <212> TYPE: DNA
57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 3
60 ggggcctct ctattgtatg gatttagtagt atgg
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 34
64 <212> TYPE: DNA
65 <213> ORGANISM: Homo sapiens
67 <400> SEQUENCE: 4
68 ccatactact aatctcatca atagagaggg cccc

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72 <212> TYPE: DNA
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79 <211> LENGTH: 103
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Chimeric sequence
86 <400> SEQUENCE: 6
87 ccatactact aactctatca atagagaggg ccccggtac cttgcgagcc ctgggctgc 60
88 aaggtaacctt gggcccttc tattgtatg atttagtaga tgg 103
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91 <211> LENGTH: 1465
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <400> SEQUENCE: 7
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98 tttagctgca ttgtcgctg ctgtatgtt atcggttta tttagagggt 180
99 gaactcaactt gaaacggggat gtttgcgtgt gtaatcttac taagagctaa tagaaaggct 240
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103 agatttagt tagggggatgtt ggagggggaaa ataatgtttt agttgggggg tgactgttaa 480
104 aagtgcatac cggccaaaaga taaaattttaa aatctgggtt ggttgggtt agggcccttt 540
105 gtcacccaccc ccccaaaagaa cgggggtttagt taagatggca aacccgggtt atcgcataaa 600
106 actttaaaactt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 660
107 ctctacttcc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 720
108 aaaaatctttagt gttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 780
109 ctacaaacccctt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 840
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112 ctatccatcc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt 1020
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123 <211> LENGTH: 1465
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens

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127 <400> SEQUENCE: 8
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129 gttcaggggaa gagtgcgtca tatgttggtc ctaggaagat ttagtgttg agggtgttta 120
130 ttataataat gtttgttat tccgttatga agaataggcc gaaggggccct gggcgctatt 180
131 cgtatgttcaa gcttgcgact agttcgact ccccttcggc aagggtcgaa ggggttctgt 240
132 tggtcgttcgat tagtgtggat ataaatcata ttatggccaa gggtcgtatgtt ggcaggagta 300
133 atcagagggtt tccgttatgtt gtagataaggg tggagaggat aaggagccaa ttatgtt 360
134 atgttgatag tagaaatgtat gctagggtga ctatcatatgtat gattgttttg gtaactgtt 420
135 gcaatgcgc gatcaggccg tagttgtgtt ttgtatgtca cccgtatgttca aggattgtt 480
136 aacccgtatgtat gtagaggatgtt gatgtatgttca ataggaggcc taggttgagg ttgaccagg 540
137 gttttttttttt ggggggggggg gttcatatgtat gaaaggtcgat ggttggagct aaggtcgccc 600
138 cgggtatgtat ggggggtatgtat gtagatgttgg cgggttttagt gggctttttt gttttttttt 660
139 ttatggccgtc aacggaaatggg tttttttttt gttttttttt gggccctttttt 720
140 gtatgttgcgtatgtat atttttttttt gttttttttt gttttttttt gttttttttt 780
141 gaatgggtatgtat aatggggatgtt ggggggtatgtat gttttttttt gttttttttt 840
142 aacccgtatgtat gttttttttt gttttttttt gttttttttt gttttttttt 900
143 cccgtttttttt ggggtgggtgtt gggacaaaagg gcccataacc cagcctaacc agatttcaaa 960
144 tttttatctttt tggccgtatgtat cacttttttac agtccatcccc caactaaccat attttttttt 1020
145 ccccccaccc cccatatact aatctcatca atacaacccc cggccatccat accccagcaca 1080
146 cacacacccg tgcataacccca ataccccgaa ccaacccaaac cccaaagaca ccccccacac 1140
147 tttatgtatgtat tttatgtatgtat aatggggatgtat gttttttttt gttttttttt 1200
148 cccatataacca aatggggatgtat gttttttttt gttttttttt 1260
149 caagcatccccc cgtttccatgtt agttccatccat ctaatcaccat acgtcaaaa ggaacaagca 1320
150 tcaagcacgcg acaatgcacg cttcaaaacgc tttagcctatgtt cttttttttt cttttttttt 1380
151 cagtattaaatccatgtat tttttttttt tttttttttt tttttttttt 1440
152 gtcattttttt tttttttttt tttttttttt tttttttttt 1465
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155 <211> LENGTH: 86
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetic sequence
162 <400> SEQUENCE: 9
163 gatatacgatggc agcttaaggc gcctcaggc accatatgtat cattttttttt gatggcagag 60
164 cccggtaatc gatataaaatgtt agaccgtt 86
166 <210> SEQ ID NO: 10
167 <211> LENGTH: 94
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic sequence
174 <400> SEQUENCE: 10
175 gatccggatccatgtt gttttttttt gttttttttt gttttttttt gttttttttt 60
176 gacccgtatgtat gttttttttt gttttttttt gttttttttt 94
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179 <211> LENGTH: 1455
180 <212> TYPE: DNA
181 <213> ORGANISM: Unknown
183 <220> FEATURE:

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Input Set : A:\8484-018.txt
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184 <223> OTHER INFORMATION: Plasmid
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 188 tggaccccg tctaaacatt ttcatgtat tgcttgagg aggttaagctc cataaactgt 120
 189 ggggggtgtc ttgggggtt gggtgggtc gggtatggg ttacgacccg ttgtgtgtg 180
 190 ctgggttaga tggggggggg ttgtatgtg gagatgtgat gtatgggat ggggggggaa 240
 191 aataatgtg tagtttttttgggtgtactgtttaaaatgttgcataccggccaaag ataaatgttgcata 300
 192 aataatgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 360
 193 aatgtgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 420
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 195 aataaacaacatccatgttgcgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 540
 196 taggttgcgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 600
 197 tccggatgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 660
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 213 <210> SEQ ID NO: 12
 214 <211> LENGTH: 1455
 215 <212> TYPE: DNA
 216 <213> ORGANISM: Unknown
 218 <220> FEATURE:
 219 <223> OTHER INFORMATION: Plasmid
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 224 gagatggaaaaccctttttccaaaggccaaatc agagaaaaaaatc ttcttaaccggc caccattgc 180
 225 accccaaatgttgcataccggccaaag ataaatgttgcataccggccaaag ataaatgttgcata 240
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